

WHAT IS CLAIMED IS:

1. A constant velocity joint, said joint including:
an outer race;
an inner race arranged within said outer race;
a flange contacting said outer race;
a plurality of sleeves contacting said outer race and said flange; and
a plurality of fasteners securing said outer race to said flange.
2. The joint of claim 1 wherein said sleeves are a hollow dowel.
3. The joint of claim 1 wherein said sleeves are a spring pin.
4. The joint of claim 1 wherein said sleeves are a roll pin.
5. The joint of claim 1 wherein said outer race having a plurality of pockets in a surface.
6. The joint of claim 5 wherein said flange having a plurality of pockets in a surface.
7. The joint of claim 6 wherein one of said sleeves is arranged within a pocket of said outer race and a pocket of said flange.
8. The joint of claim 7 wherein said sleeves carry a torque transmission of the joint.

9. The joint of claim 8 wherein said fasteners are a bolt.
10. The joint of claim 9 wherein said bolts attach said outer race to said flange without transmitting torque.
11. The joint of claim 1 wherein said sleeves are arranged in predetermined patterns at predetermined positions depending on torque transmission requirements.
12. The joint of claim 10 wherein said bolts are arranged within said sleeves.
13. A torque transmission assembly for use in a vehicle, said assembly including:
a constant velocity joint;
a flange contacting said constant velocity joint;
a plurality of sleeve like members contacting said constant velocity joint and said flange to transmit torque through the assembly; and
a plurality of fasteners securing said constant velocity joint to said flange.
14. The assembly of claim 13 wherein said constant velocity joint having a plurality of pockets formed in a surface thereof.
15. The assembly of claim 14 wherein said flange having a plurality of pockets formed in a surface thereof.

16. The assembly of claim 15 wherein said sleeves are arranged within said pockets of said constant velocity joint on one end and within said pockets of said flange on an opposite end.

17. The assembly of claim 16 wherein said fasteners are arranged within said sleeves.

18. The assembly of claim 13 wherein said sleeves are a hollow dowel, a spring pin, or a roll pin.

19. The assembly of claim 13 wherein said fasteners are a bolt.

20. The assembly of claim 13 wherein said sleeves are solid and arranged in a predetermined pattern with said fasteners.